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IMAGERY  
ANALYSIS  
DIVISION

PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

SHANGHAI STEAM TURBINE PLANT

SHANGHAI ELECTRICAL MACHINERY PLANT

SHANGHAI, CHINA

Declass Review by NIMA/DOD

CIA/PIR 65089

DATE FEB. 66

GROUP 1  
Excluded from automatic  
downgrading and declassification

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WARNING

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SHANGHAI STEAM TURBINE PLANT  
SHANGHAI ELECTRICAL MACHINERY PLANT

The Shanghai Steam Turbine Plant is located on the north bank of the Huang-p'u River approximately 13 nm southwest of the center of Shanghai, China. The plant encompasses an area of approximately 4,800,000 square feet. A wall provides the necessary plant security. Situated on the river's bank, water transportation is readily available. In addition to the various piers along the river, loading and unloading is eased by a large gantry crane which runs from a large machine shop/workshop (item 10) down to the water's edge. The plant is also served by a good road network and by a rail spur, which enter the plant from the adjacent Shanghai Electrical Machinery Plant.

X1 The industrial buildings north of the steam turbine plant have been constructed since [REDACTED]. Whether this is to be plant expansion or the development of a closely related industry cannot be determined by photography. Although these buildings are serviced by their own power plant and the entire area is secured, there is no rigid segregation of the two complexes.

With a small stream serving as a common boundary, the Shanghai Electrical Machinery Plant lies immediately west of the Shanghai Steam Turbine Plant and contains approximately 7,410,000 square feet. The plant area is secured by means of a wall. Transportation facilities are much the same as those existing in the steam turbine plant; good roads, access to river transport, and a branch rail line which provides service to the north and south portions of the plant. Possibilities for plant expansion are good since the plant is bounded on two sides by farm lands. The plant area may be enlarged either in a westward direction or to the north without any significant loss in transport capabilities.

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SHANGHAI STEAM TURBINE PLANT

ITEM	FUNCTION	DIMENSIONS	SQUARE FEET
1	Probable Assembly Building	530 x 205	108,650
2	Probable Assembly Building	570 x 300	171,000
3	Administrative Building		
4	Probable Workshop	335 x 365	122,275
5	Workshop	500 x 110	55,000
6	Possible Foundry/Workshop	320 x 100	32,000
7	Probable Foundry	Irregular	58,425
8	Workshop	230 x 120	27,600
9	Workshop	140 x 125	17,500
10	Machine Shop/Workshop	440 x 340	149,600
11	Power Plant	Irregular	
12	Unidentified Building	220 x 85	18,700

TOTAL Floorspace of Main Buildings

SHANGHAI ELECTRICAL MACHINERY PLANT

ITEM	FUNCTION	DIMENSIONS	SQUARE FEET
1	Probable Assembly Building	660 x 180	118,800
2	Probable Assembly Building		155,570
3	Probable Assembly Building	665 x 155	103,075
4	Workshop	205 x 150	30,750
5	Workshop	400 x 110	44,000
6	Probable Assembly Building	685 x 145	99,325
7	Workshop	700 x 130	91,000
8	Machine Shop/Workshop	Irregular	176,650
9	Power Plant		6,110
10	Workshop		26,400
11	Workshop	245 x 185	45,325
12	Workshop	220 x 110	24,200
13	Workshop		13,320
14	Workshop		11,780
15	Workshop	250 x 115	28,750
16	Workshop	195 x 45	8,775
17	Probable Foundry	365 x 125	45,625
18	Construction Activity		
19	Probable Assembly Building	525 x 190	99,750
20	Workshop	Irregular	35,600

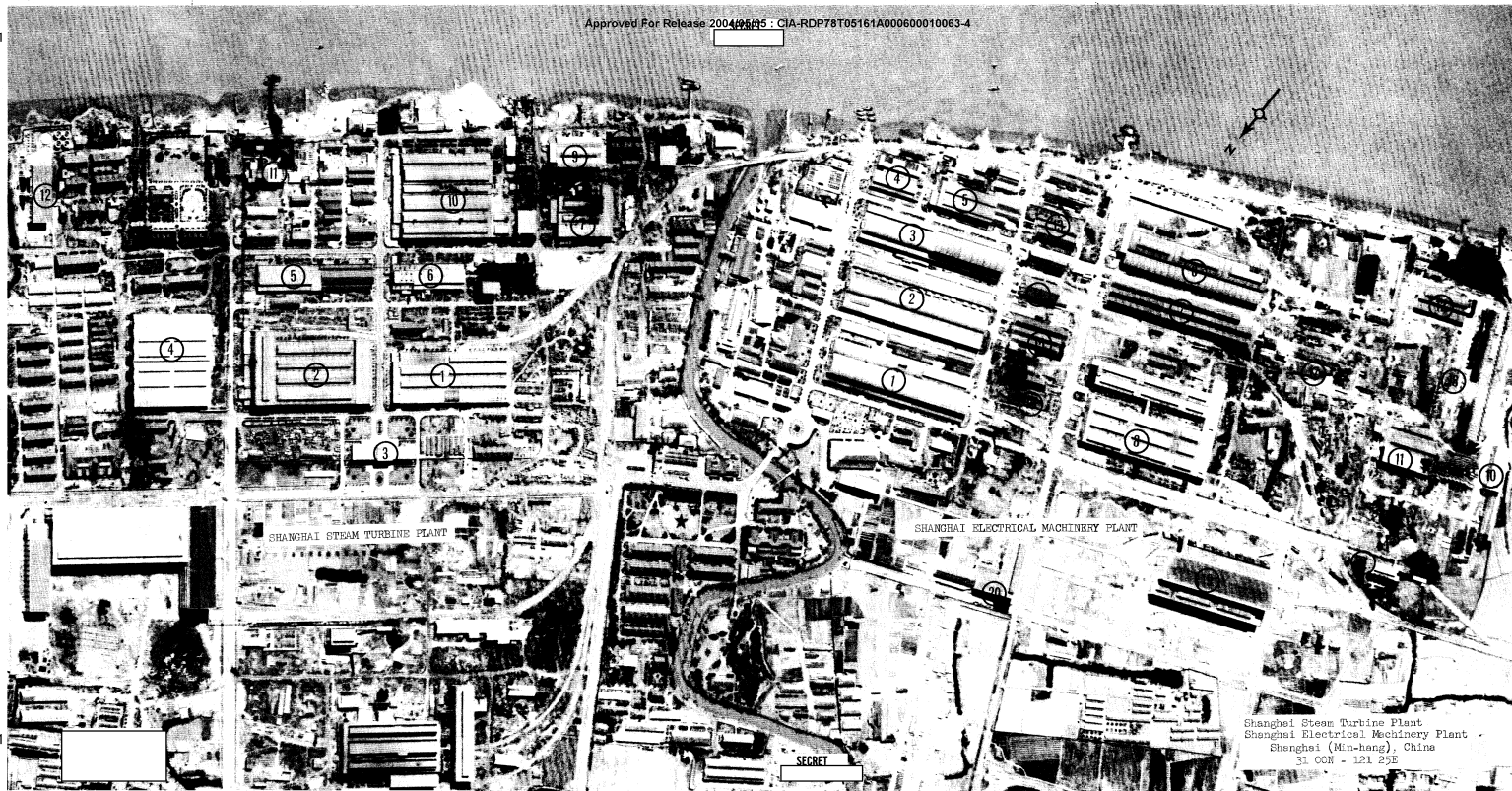
TOTAL Floorspace of Main Buildings

1,164,805

\*All measurements are approximate

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Shanghai Steam Turbine Plant  
Shanghai Electrical Machinery Plant  
Shanghai (Min-hang), China  
31 00N - 121 25E

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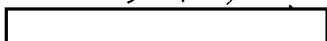
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REFERENCES

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MAPS AND CHARTS

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REQUIREMENT - C-RR6-83,357

CIA/IAD PROJECT - 30831-6

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